

**404921074335601 Local number 270023 Mt Freedom 2 Obs**

Piedmont and Blue Ridge crystalline-rock aquifers

Precambrian Erathem

Morris County, NJ

LOCATION.--Lat 40°49'21", long 74°33'56" referenced to North American Datum of 1927, Randolph Township, Morris County, NJ, Hydrologic Unit 02030103, 440 ft north of the intersection of Phyllis Place and Leonard Lane.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 218 ft. Upper casing diameter 6 in; top of first opening 11 ft, bottom of last opening 218 ft. Drilled observation well.

DATUM.--Land-surface datum is 800 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 4.61 ft above land-surface datum, April 1, 1994, to present. The land surface elevation was determined from a digital elevation model.

PERIOD OF RECORD.--Jan. 1964 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Apr. 1977 to July 1984. Periodic measurements, July 1970 to Apr. 1977. Water-level recorder, Jan. 1964 to July 1970.

REMARKS.--Water level is occasionally affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.02 ft above land surface, between Apr. 3 and July 9, 1984; lowest, 15.29 ft below land surface, between Aug. 26 and Oct. 8, 1980.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Water level	Date	Water level
May 1	1.92	Sep 3	2.71

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